KRAMER ELECTRONICS, Ltd.
www.kramerelectronics.com

690R

2−Channel 3G HD−SDI Fiber Optic Receiver

The 690R is a high−performance fiber optic receiver for SDI video signals up to 3G HD−SDI. The 690T converts two 3G HD−SDI signals to single−mode fiber optic and the 690R receiver converts them back to the two original SDI formats. Compatible with the fiber optic matrix VS−88FO.

FEATURES

- Max. Data Rate - 3Gbps.
- Inputs - 2 single−mode fiber optic on LC connectors.
- Outputs - 2 SDI on BNC connectors.
- HDTV Compatible.
- Multi-Standard Operation - SDI (SMPTE 259M and SMPTE 344M), HD−SDI (SMPTE 292M), 3G HD−SDI (SMPTE 424M).
- Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal to travel longer distances on the coax cable, 200m (HD−SDI) & 100m (3G HD−SDI).
- System Range - Up to 10km (6.2mi).
- Compact Kramer TOOLS™ - 4 units can be rack mounted side−by−side in a 1U rack space with the optional RK−4PT rack adapter.

690R

TECHNICAL SPECIFICATIONS

INPUTS:	Dual single−mode fiber (9/125) over LC connectors.
OUTPUTS:	2 SD/HD/3G HD−SDI on BNC connectors.
BANDWIDTH:	Supports up to 3Gbps bandwidth for each input.
FIBER OPTIC EXTENSION:	Up to 10km (>6.2 miles) for 3G−SDI.
INPUT CABLE EQUALIZATION:	200m for SDI, 100m for 3G−SDI.
POWER CONSUMPTION:	5V DC, 350mA.
OPERATING TEMPERATURE:	0° to +55°C (32° to 131°F).
STORAGE TEMPERATURE:	−45° to +72°C (−49° to 162°F).
HUMIDITY:	10% to 90%, RHL non−condensing.
DIMENSIONS:	6.2cm x 5.2cm x 2.4cm (2.4" x 2.0" x 0.9") W, D, H.
WEIGHT:	0.14kg (0.31lbs) approx.
ACCESSORIES:	Power supply.
OPTIONS:	RK−4PT 19" rack adapter.